



## U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

# ESTABLISHMENTS AND PRODUCTS

## LICENSED UNDER SECTION 351 OF THE PUBLIC HEALTH SERVICE ACT



PUBLIC HEALTH SERVICE PUBLICATION NO. 50 Revised January 1, 1971

> DIVISION OF BIOLOGICS STANDARDS NATIONAL INSTITUTES OF HEALTH BETHESDA, MARYLAND 20014



#### INTRODUCTION

Public Health Service Publication No. 30 contains listings of establishments holding licenses issued in accordance with section 30 an act of Congress approved July 1, 1944, entitled "Public Health Service Act" (42 u.S.c. 20), etc., seq.), and products which these establishments are licensed to senutacture. Section 331 of this act is designed to regulate the said, better and exchange of viruses, serves, toxins, antitoxins, veccines, blood, blood components services, toxins, antitoxins, veccines, blood, blood components common or list deviratives (or any other trivial or organic arcained compound) in the District of Columbia, in interstate and foreign commerce, and for other purposes.

The granting of a product license means that it has been demonstrated that the establishment end the product for which a license has been issued have met all applicable standards (published in Title 42, Code of Federal Regulations, Pert 73) designed to insure the continued to safety, purify and potency of such products. The licenses granted to descend the product of the product

This publication consists of four parts:

- Part I Licensed establishments listed alphabetically with license number. This section may be used as an index to Part II as it also contains a listing of page numbers.
- Part II Licensed establishments listed numerically by license number and the products each establishment is licensed to manufacture.
- Pert III An alphabetical list of biologic products with the license number of each establishment licensed to manufacture each product.
- Part IV An alphabetical list of biologic products by category.



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BLOOD TRANSFUSION SERVICE #379	49
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#### ESTABLISHMENTS LISTED BY LICENSE NUMBER AND PRODUCTS FOR WHICH EACH IS LICENSED

PART II

HC NO

## ESTABLISHMENT AND PRODUCT

i PARKE, DAVIS & CO., DETROIT, MICH.

B. oedematiens Antitoxin Perfringens Antitoxin

Tetanus Antitoxin Tetanus and Gas Gangrene Polyvalent Antitoxin

retains and Gas Gangrene Molyvalent Antitoxis

Bacterial Antigens
2 Polyvalent bacterial antigens with "No U.S.

Standard of Potency"

Bacterial Vaccines Pertussis Vaccine

Pertussis Vaccine Adsorbed
I Polyvalent bacterial vaccine with "No U.S.

Standard of Potency"

Typhoid and Paratyphoid Vaccine
Bactsrial Vaccines and Antigens Combined

2 polyvalent bacterial vaccines and bacterial antigens with "No U.S. Standard of Potency"

Blood and Blood Derivatives

Thrombin

Tuberculin

Antihemophilic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)

with Chloramphenicol Histamine Azoprotein Immune Serum Globulin (Human)

Measies Immune Globulin (Human) Normal Serum Afbumin (Human) Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Blastomycin Diphtheria Toxin for Schick Test Histoplasmin

> Did Purified Protein Derivative

Diagnostic Substances for Laboratory Tests Anti-Human Chorionic Gonadotropic Serum

Anti-Influenza Virus Serum for the Hemagglutination inhibition Test

Influenza Virus Homoggiutinating Antigen

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| PARKE, DAVIS & CO. (cont'd)
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Misosilmenus
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Altergenic Extracts

Overhenarsine Hydrochloride

Poison Ivy Extract

Modified Basterial Antigens

I polyvelent modified bacterial antigen with "No U.S. Standard of Potency"

Multiple Antigen Preparations

Adenovirus and Influenza Virus Vaccines Combined Aluminum

Phosphate Adsorbed Diehther In and Tetanus Toxolds

Dinhtheria and Tetenus Toxoids Adsorbed

Diphtheria and Tetenus Toxoids and Pertussis Veccine
Diphtheria and Tetenus Toxoids and Pertussis Veccine Adsorbed

Dightheria and Tetanus Toxoids and Pertussis and Pollomyelitis Vaccines Adsorbed Staphylococcus (Albus and Aureus)

Dightheria and Totanus Toxolds and Pertussis Vaccine Adsorbed

and Policovelitis Vaccine Stanby Incoccus Toxold and Becterial Antigen made from

Toxoids and Toxins for Immunisation

Diphtheria Toxold Diphtheria Toxold Adsorbed Staphy Lococcus Toxold

Totanus Toxold Tetanus Toxold Adsorbed

Viral and Ricketteial Vaccines

Adenovirus Vaccine Influenza Virus Vaccine Polionvelitis Vaccine Pollomyelitis Vaccine Adsorbed

Rebles Vaccino Smallpox Yaccine

2 MERCK SHARP & DOHNE, DIVISION OF MERCK & CO., INC., WEST POINT, PA.

Bacterial Antiosns 3 Polyvaignt bacterial entigens with "No U.S. Standard of Potency"

Bacterial Vaccines Cholera Veccine Typhold Vaccine

Blood and Blood Derivatives

Fibrinogen (Human)

Fibrinogen with Antiliemochilic Factor (Numen) Fibrinolysin and Desoxyribonuclease Combined (Bovine) Fibrinolysin (Human)

'---- C'-bulln (Human), Pepsin-Modified - Ci-bullo (Human)

man) . Crance immune Grouperin (Husan)

#### 2 MERCK SHARP & DOHME (contid)

Diagnostic Substances for Dermal Tests Brucella Skin Test Antigen Tuberculin

Purified Protein Derivative

Misasllaneous

Blood Group Specific Substances A and B Poison Ivv Extract

Multiple Antigen Preparations

Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed and Policomvelitis Vaccine

Measles-Smallpox Vaccine, Live

Tetenus and Diphtheria Toxolds Adsorbed (For Adult Use)

Seneitized Basterial Vaccines
Three Polyvalent sensitized bacterial vaccines with
"No U.S. Standard of Potency"

Toxolds and Toxins for Immunization

Tetanus Toxold Tetanus Toxold Adsorbed

Www. and Bisketteial Vaccines

Influenza Virus Vaccine Measles Virus Vaccine, Live, Attenuated Mumps Virus Vaccine, Live

Mumps Virus Vaccine, Live Poliomyelitis Vaccine Rubella Virus Vaccine, Live Rubella and Mumps Virus Vaccine, Live

Smallpox Vaccine Typhus Vaccine

3 MYETH LABORATORIES, INC., MARIETTA, PA.

Antitoxina

Diphtheria Antitoxin Gas Gangrene Polyvalent Antitoxin Tetanus Antitoxin

Tetanus and Gas Gangrene Polyvalent Antitoxin

Basterial Vassines Cholera Vaccine

Pertussis Vaccine Typhoid Vaccine

Blood and Blood Derivatives Normal Horse Serum

Tetanus Immune Globulin (Human)

Diagnostic Substances for Darmal Tests Dishtheria Toxin for Schick Test

Miscallaneous
Antivenin (Crotalidae) Polyvelent
Antivenin (Micrurus fulvius)

3 MYETH LABORATORIES, INC. (contld).

Multiple Antigen Preparations

Diphtheria and Tetanus Toxolds Adsorbed Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed

Technolog and Dinhitheria Toxolds Adsorbed (For Adult Use)

Toxoids and Toxins for Immunisation Olphtheris Toxold Diphtheria Toxold Adsorbed

Tetanus Toxold Tetanus Toxold Adsorbed

Viral and Ricketteial Vaccines

Adenovirus Vaccine

Influenza Virus Vaccine

Pollovirus Vaccine, Live, Oral, Trivalent Pollovirus Vaccine, Live, Oral, Type i Pollovirus Vaccine, Live, Oral, Type 2 Pollovirus Vaccine, Live, Oral, Type 3

Smallpox Vaccine

8 CUTTER LABORATORIES, INC., BERKELEY, CALIF.

Basterial Vanninee Plague Vaccino

Blood and Blood Derivatives

Factor IX Complex (Human) Fibrinogen (Human) Immune Serum Globulin (Human)

Numos Impune Globulin (Human) Normal Serum Albumin (Human) Pertussis Immune Globulin (Human) Plasma Protein Fraction (Human) Tetanus Issuna Globulin (Human)

Diagnostic Substances for Dermal Tests Coccidioldin

Missellaneous

Polson Ivy Extract Polson Oak Extract

Toxoids and Toxins for Immunization Tetanus Toxold

Viral and Ricketteial Vaccines Policeyelitis Vaccine Smallpox Vaccine

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO., PEARL RIVER, N.Y.

Antitopina

Botulism Antitoxin Dichthoria Antitoxia

Gas Gangrene Polyvalent Antitoxin Tetanus Antitoxin

Tetanus and Gas Gangrane Polyvalent Antitoxin

#### ESTABLISHMENT AND DOODLICT

#### 17 IFDERLE LABORATORIES (contid)

Banterial Vaccines Cholera Vaccine Pertussis Veccine

LIC NO

Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives immune Serum Globulin (Humen)

Maasias immune Globulin (Human) Normal Serum Albumin (Human) Tetenus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Histoplasmin Lymphogranuloma Venereum Antigen Tubercul in

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum Anti-A,8 Blood Grouping Serum Anti-Fvª Serum (Anti-Duffy)

Anti-Human Secum

Anti-K Serum (Anti-Keli) Anti-M Serum

014

Antl-N Serum

Anti-Rh Typing Serums: Anti-Rho (Anti-D) Anti-Rho (Anti-D)

Anti-Rhorh'rh" (Anti-CDE) Anti-rh' (Anti-C)

Anti-rhM (Anti-CM) Anti-rh" (Anti-E)

Anti-hr (Anti-e) Anti-hr" (Anti-e)

Anti-s Serum

Minaellaneaus

Allergenic Extracts Streptokinase-Streptodornase

Triching lia Extract Multiple Antigen Preparations

Diphtheria and Tetanus Toxolds Adsorbed
Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed

Tetanus and Diphtheria Toxolds Adsorbed (For Adult Use)

Therapeutio Immune Serume Antirables Serum

Toxoids and Toxins for Immenisation Staphylococcus Toxold Tetanus Toxold

Tetanus Toxold Adsorbed

17 LEDERLE LABORATORIES (contid)

```
Vives and Richartstad Vicentimes in Historia Vives Vaccine (Mississ Vires Vaccine, Live, Attenuated Massiss Vires Vaccine, Live, Oral, Frivalent Policy Vires Vaccine, Live, Oral, Type 1 Policy Vires Vaccine, Live, Oral, Type 2 Policy Vires Vaccine, Live, Oral, Type 3 Policy Vires Vires Vaccine (Mississipport Vaccine) Vires Vaccine (Mississipport Vaccine)
```

21 SWISS SERUM AND VACCINE INSTITUTE BERNE, BERNE, SWITZERLAND

Antitoxins Tatmous Antitoxin

Toxolds and Youins for Immunisation Tetrans Toxold Adsorbed

43 ABBOTT LABORATORIES, NORTH CHICAGO, ILL. with location at: Chicago, III.

```
Slood and Blood Derivatives
Aggregated Radio-lodinated (1151) Albunin (Human)
Radio-lodinated (1125) Serum Albunin (Human)
Radio-lodinated (1131) Serum Albunin (Human)
Diagnostic Substances for Laboratory Tests
```

Diagnostic Nuctions for Laboratory Issue
Anti-A Blood Grouping Serum
Anti-Blood Grouping Serum
Anti-Hg Blood Grouping Serum
Anti-Hg (Anti-D)
Anti-Hg (Anti-D)
Anti-Hg (Anti-D)

Anti-Rho" (Anti-CD)
Anti-Rho" (Anti-DE)
Anti-Rhorh'rh" (Anti-CDE)
Anti-rh! (Anti-C)
Anti-rh" (Anti-C)
Anti-rh" (Anti-C)

Anti-hr" (Anti-e) Reagent Red Blood Cells (Human)

51 THE UPJOHN CO., KALAMAZOO, MICH.
Blood and Blood Derivatives

#### 52 E. R. SQUIBB & SONS, INC., NEW BRUNSWICK, N.J.

Blood and Blood Destructives
Aggregated Radio-Lodinated (113) Albumin (Human)
Antibemophilic Factor (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Normal Sorum Albumin (Human)
Radio Chromyted (CFSL) Serum Albumin (Human)

Radio-Iodinated (1125) Serum Albumin (Human) Radio-Iodinated (1125) Serum Albumin (Human) Radio-Iodinated (1131) Serum Albumin (Human) Tetanus Immuna (Ichulin (Human)

Diagnostic Substances for Dermal Tests Lymphogranuloms Venereum Antigen

Multiple Antigen Preparations
Staphylococcus Toxold and Bacterial Antigen made from
Staphylococcus (Albus and Aureus)

#### 56 ELI LILLY & CO., INDIANAPOLIS, IND.

Antitanine
Diphtheria Antitoxin
Perfringens Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin
V. septique Antitoxin

Bacterial Antigene
7 Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

Bacterial Vaccines
Cholera Vaccine
Partussis Vaccine
6 Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"
Typhold Vaccine

Typhold and Paratyphold Vaccine
Blood and Blood Derivatives
Measles Immune Globullo (Human)

Diagnostic Substances for Dermal Tests Bightheria Toxin for Schick Test Mumps Skin Test Antigen Schick Test Control Tuborculin

Old Miscellansous

Allergenic Extracts

### 56 FILLIBLY LOS (conttd)

```
Multiple Antioen Preparations
        Diphtheria and Tatanus Toxoids
        Dightheria and Tetanus Toxolds Adsorbed
        Diphthoria and Tetanus Toxolds and Pertussis Vaccine
        Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed
          and Pollowelitis Vaccina
        Tetanus and Diphtheria Toxolds Adsorbed (For Adult Use)
    Topodila and Topins for Immunication
        Tetanus Toxold
    Viral and Ricketteial Vancines
        Influenza Virus Vaccine
        Measies Virus Vaccine, Inactivated
Measies Virus Vaccine, Live, Attenuated
        Mumps Vaccine
        Policewelltis Vaccine
        Rabins Vaccine
        Smalloox Vaccine
        Typhus Vaccino
64 MASSACHUSETTS PUBLIC HEALTH BIOLOGIC LABORATORIES, BOSTON, MASS.
    Anti-topina
       Diphtheria Antitoxin
        Tetanus Antitoxin
    Rantemial Varreines
        Typhoid Vaccine
        Typhold and Paratyphold Vaccine
    Blood and Blood Derivatives
       Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
       Tetanus Immune Globulin (Human)
    Diagnostic Substances for Dermal Tests
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Schick Test Control 01d Multiple Antioen Preparations

Tuberculia

Dightheria Toxin for Schick Test

Diphtheria and Tetanus Toxolds Adsorbed Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed Tetanus and Diphtheria Toxolds Adsorbed (For Adult Use)

Toxoide and Toxine for Immenization Dightheria Toxoid Tetanus Toxold

Yetanus Townld Adsorbed Viral and Ricketteial Vaccines Smallpox Vaccine

73 CONNAUGHT NEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO, WILLOWDALE, ONTARIO, CANADA

Antitoxina Botulism Antitoxin Diphtheria Antitoxin

Staphylococcus Antitoxin Tetanus Antitoxin

Bacterial Vaccines BCG Veccine

Blood and Blood Derivatives

Normal Serum Albumin (Human)

Diagnostic Substances for Dermal Tests
Tuberculin
Purified Protein Derivative

Tamoids and Toxins for Immunisation Diphtheria Toxold

Staphylococcus Toxold Tetenus Toxold Viral and Hicksttsial Vaccines Pollomyelttis Vaccine Smellony Vaccine

77 MALLINCKROOT CHEMICAL WORKS, MARYLAND HEIGHTS, NO.

Blood and Blood Derivatives
Aggregated Radio-lodinated (1131) Albumin (Human)
Radio-lodinated (1125) Serus Albumin (Human)
Radio-lodinated (1131) Serus Albumin (Human)

84' TERRELL'S LABORATORIES, FORT WORTH, TEX.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
Misoellansous
Allergenic Extracts

91 HOLLISTER-STIER LABORATORIES, SPOKANE, MASH, with locations at: Cowners Grove, III. Yeadon, Pa. Los Angeles, Calif. Atlanta, Ga.

Dalles, Tex.

Bacterial Vaccine
2 Polyvelent b
Standard of i

Bacterial Vaccines
2 Polyvelent becterial vaccines with "No U.S.
Standard of Potency"

Allergenic Extracts
Polson Toy Extract
Polson Toy-Polson Oak Extracts Combined
Polson Dak Extract

#### 97 BEHRINGWERKE AG., MARBURG-LAHN, GERMANY

#### Wienal Imnous

Streptokinase-Streptodornase

Toxolds and Toxins for Immunication Diphtheria Toxold Adsorbed Intanus Toxold Adsorbed

99 BUREAU OF LABORATORIES, MICHIGAN DEPARTMENT OF PUBLIC HEALTH, LANSING, MICH.

Antitorina Dichtharia Antitovia

Totanus Antitoxin

Basterial Vascines Anthrex Veccine Adsorbed

Pertussis Vaccino Pertussis Vaccino Adsorbed

Typhold Vaccine
Typhold and Paratyphold Vaccine

Blood and Blood Darivatives

Antihemophilic Globulin (Human) Fibrinogen (Human) Immune Serum Globulin (Human)

Normal Horse Serum Normal Rabbit Serum Normal Serum Albumin (Human) Tatanus Immune Bichulin (Human)

Whole Blood (Human)

Old

Diagnostic Substances for Dermal Tests
Diphtheria Toxin for Schick Test
Histopiasmin
Schick Test Control
Tubecculin

Diagnostic Substances for Laboratory Tests Preunococcus Typing Serum

Multiple Antigen Preparations

Diphtheria and Tatanus Toxolds Adsorbed Diphtheria and Tatanus Toxolds and Pertussis Vaccine Adsorbed

Therapeutic Immune Serums
Anti-Homophilus influenzae Type b Serum

theris Toxold Adsorbed

nd Rickettsial Vaccines es Vaccine ipox Vaccine

16

IN THE NATIONAL DRUG CO. DIVISION OF RICHARDSON-MERRELL, INC... PHILADELPHIA, PA. with location at: Swiftwater, Pa.

Antitoxina

LIC. NO.

Diphtheria Antitovin

Gas Gangrene Polyvalent Antitoxin Tetanus Antitoxin

Tetanus and Gas Gangrene Polyvalent Antitoxia

Bacterial Vaccines

Cholera Vaccine Portussis Vaccine

2 Polyvalent bacterial vaccines with "No U.S. Standard of Potency"

Typhold Vaccine Typhoid and Paratyphoid Vaccine

Multiple Antigen Preparations Diphtheria and Tatanus Toxoids and Pertussis Vaccine Diphtheria and Tatanus Toxoids and Pertussis Vaccine Adsorbed

Stephylococcus Toxold and Bacterial Vaccine made from Staphylococcus (Aureus) Staphylococcus Toxold-Streptococcus Toxin-Bacteriel Vaccine

mede from Stephylogoccus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and Hemophilus Influenzae Tetanus and Diphtheria Toxolds Adsorbed (For Adult Use)

Toxoids and Toxins for Immediation Diphtheria Toxoid

Staphy lococcus Toxold

Streptococcus Erythrogenic Toxin

Tetanus Toxold Tetanus Toxold Adsorbed

Viral and Ricketteial Vaccines Influenza Virus Vaccine Robles Vaccine

Smellpox Vaccine Yallow Fever Veccine

102 MULFORD COLLOID LABORATORIES DIVISION OF LEMMON PHARMACEUTICAL CO., SELLERSVILLE, PA.

Minostlaneous Polson Lyv Extract

103 ALLERGY LABORATORIES, INC., OKLAHOMA CITY, OKLA,

Mincellaneous Allergenic Extracts

107 PORRO BIOLOGICAL LABORATORIES, INC., TACOMA, WASH.

Miscellaneous

Allergenic Extracts

## I THE DOW CHEMICAL CO., ZIONSVILLE, IND.

Basterial Passines Pertussis Vaccine Typhold Vaccine

Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives | Immune Serum Globulin (Human)

Mormal Serum Albumin (Human) Tetanus immune Globulin (Human)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxolds Adsorbed
Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed

Diphtheria Toxoid and Pertussis Vaccine Adsorbed

Toxoids and Toxins for Immunization

Diphtheria Toxold Staphylococcus Toxold Tatanus Toxold

Tetanus Toxold Adsorbed
Viral and Bioketteial Vanctues

Influenza Virus Vaccine
Measies Virus Vaccine, Live, Attenuated
Poilonvelitis Vaccine

## 113 MICHAEL REESE RESEARCH FOUNDATION, CHICAGO, ILL.

Blood and Blood Derivatives
Antihemophilic Plasma (Human)
Mormal Human Plasma
Normal Human Scrum
Red Blood Cells (Human)
Single Donor Plasma (Human)
Mhole Blood (Human)
ADD
CPD

119 BARRY LABORATORIES, INC., POMPANO BEACH, FLA.

Miscellaneous
Allergenic Extracts
Polson Ivy Extract
Polson Ivy-Dak-Summac Extracts Combined
Polson Summac Extract

Heparin

121 TEXAS STATE DEPARTMENT OF HEALTH, AUSTIN, TEX.

Baoterial Vaccines Pertussis Vaccine Typhold Vaccine

IIC NO

Diagnostic Substances for Dermal Tests
Diphtheria Toxin for Schick Test
Schick Test Control

Tuberculin Old

Multiple Antigen Preparations
Diphtheria and Tetanus Toxolds Adsorbed
Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxolds Adsorbed (For Adult Use)

Toxoide and Toxine for Immunization Diphtheria Toxoid Diphtheria Toxoid Adsorbed Tetanus Toxoid Adsorbed

Viral and Rioketteial Vaccines Rables Vaccine

125 HYNSON, WESTCOTT & DUNNING, BALTIMORE, MD.

Misosilansous Cobre Venom Solution

Cobra Venom With Silicic and Formic Acids

129 WELLCOME FOUNDATION, LTD., WELLCOME RESEARCH LABORATORIES, BECKENHAM, KENT, ENGLAND

Antitomina
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin

136 HOFFMANN-LA ROCHE, NUTLEY, N.J.

Diagnostic Substances for Laboratory Tests Anti-Human Chorionic Consdotropic Serum

139 THE PHILADELPHIA BLOOD CENTER, PHILADELPHIA, PA.

Blood and Blood Derivatives
Pollomyellits Immune Globulin (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

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139 THE PHILADELPHIA BLOOD CENTER (cont1d)
     Diamontia Substances for Laboratory Tests
        Absorbed Anti-A Serum
        Anti-A Blood Grouping Sarum
       Anti-B Blood Grouping Serum
       Anti-A.B Blood Grouping Serum
       Anti-Human Serum
        Anti-K Serum (Anti-Keli)
       Anti-M Serum
        Anti-N Serum
        Anti-Rh Typing Serums:
          Anti-Rho (Anti-D)
Anti-Rho! (Anti-CD)
         Anti-Rho" (Anti-CD)
Anti-Rho" (Anti-DE)
         Anti-Rhorh'rh" (Anti-CDE)
         Anti-rh (Anti-C)
          Anti-hr (Anti-c)
          Anti-hr" (Anti-e)
       Reagant Red Blood Cells (Human)
140 TRAVENOL LABORATORIES, COSTA MESA, CALIF, with locations at:
       Los Angeles, Calif. Morton Grove, III. Cleveland. Miss.
    Ranterial Antigene
       Pseudononas Polysaccharida
    Blood and Blood Derivatives
       Antihemonbillo Factor (Human)
        Antihorophilic Plasma (Human)
       Factor IX Complex (Human)
       Fibringen (Heman)
        Immune Serum Globulla (Human)
       Massles Immune Globulin (Human)
       Mumos Immune Globulia (Human)
       Normal Serum Albumin (Human)
       Pertussis Immune Globuiln (Humen)
       Plasma Protein Fraction (Human)
       Red Blood Cells (Human)
        Tetenus Immune Globulin (Human)
       Vaccinia immune Globulia (Human)
       Whole Blood (Hunan)
         ACO
         CPD
    Digamostia Substances for Laboratory Tests
       Absorbed Anti-A Serum
       Anti-A Blood Grouping Serum
       Anti-B Blood Grouping Serum
       Anti-A,B Blood Grouping Serum
       Anti-Fva Serum (Anti-Dufty)
       Anti-Human Chorlanic Gonadotropic Serum
       Antl-Human Serum
       Anti-I Serum
       *-+ Serum (Anti-Kell)
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so Serum (Anti-Lawis)

#### LIC NO. ESTABLISHMENT AND PRODUCT

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IAC TRAVENOL LABORATORIES (contlid)
     Diamostic Substances for Laboratory Tests
        Anti-Rh Typing Serums:
          Anti-Rho (Anti-D)
Anti-Rho! (Anti-CD)
Anti-Rho! (Anti-DE)
          Anti-Rhorh' rh" (Anti-CDE)
          Anti-rh" (Anti-E)
          Anti-hr' (Anti-c)
          Anti-br" (Anti-e)
          Anti-rim (Anti-CM)
        Anti-S Sarum
        Anti-s Serum
        Hasmophilus influences Typing Serum
        Reacent Red Blood Cells (Russe)
147 ENDO LABORATORIES, INC., GARDEN CITY, N.Y.
     Mineal Imague
        Allergenic Extracts
149 ARMOUR PHARMACEUTICAL CO., CHICAGO, ILL. with locations at:
       Chicago, III.
                                Kankakee, III.
     Rigad and Rigad Devinations
        Immune Serum Globullin (Human)
        Normal Serum Albumin (Human)
        Plasma Protein Fraction (Human)
        Tetanus immune Globulin (Human)
     Diganostic Substances for Laboratory Tests
        Anti-A Blood Grouping Serum
        Anti-B Blood Grouping Serum
        Anti-A,B Blood Grouping Serum
        Anti-Human Serum
        Anti-K Serum (Anti-Keil)
        Anti-Lea Serum (Anti-Lewis)
        Anti-M Sarum
        Antl-M Sprum
        Anti-Rh Typing Serums:
          Anti-Fin (Anti-D)
          Anti-Rho" (Anti-CD)
Anti-Rho" (Anti-DE)
          Anti-Rhorhirh" (Anti-CDE)
          Anti-rh* (Anti-C)
          Anti-rh" (Anti-E)
          Anti-hr! (Anti-c)
          Anti-br" (Anti-a)
        Anti-U Serum (Anti-Ss)
        Reagent Red Blood Cells (Human)
    Misosllansous
        Blood Group Specific Substance A
        Blood Group Specific Substance B
        Blood Group Specific Substances A and B
```

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IIC NO FSTABLISHMENT AND PRODUCT
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152 GOTHAM PHARMACEUTICAL CO., INC. BROOKLYN, N.Y.

Misosilansous Allergenic Extracts

154 JOHN ELLIOTT BLOOD BANK OF DADE COUNTY, INC., MIAMI, FLA.

Blood and Blood Derivatives Whole Blood (Human)

155 WIENER SERUM LABORATORY, BROOKLYN, N.Y.

```
Diagnostic Subtentions for Indonestry Tests
Absorbed Arth- Serms
Amenical Arth- Serms
Amenical Service Service
Anti-Discost Grouping Servin
Anti-Discost Grouping Servin
Anti-Discost (Anti-Dully)
Anti-List Servin (Anti-Dull)
Anti-List Servin (Anti-Dull)
Anti-Discost (Anti-Dull)
```

Anti-rhN and Anti-K Serum (Anti-(CM+Kell))

156 ORTHO PHARMACEUTICAL CORP., RARITAN, N.J.

```
Blood and Blood Derivatives
Fibrinosen (Human)
Fibrinolysin (Human)
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Profibrinolysin (Human)
Rho (D) Immune Globulin (Human)
Throubin
```

Progressed Substances for Laboratory Tests
Anti-Ricod Grouping Serum
Anti-Ricod Serum

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156 ORTHO PHARMACEUTICAL CORP. (cont'd)
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## 157 BEHRING DIAGNOSTICS, INC., MOODBURY, N.Y.

```
Diagnostic Substances for Laboratory Tests
   Absorbed Anti-A Serum
   Anti-A Blood Grouping Serum
   Anti-B Blood Grouping Serum
   Anti-A.B Blood Grouping Serum
   Anti-Fy@ Serum (Anti-Duffy)
   Anti-Human Serum
   Anti-K Serum (Anti-Keil)
   Anti-k Serum (Anti-Celiano)
   Anti-M Serum
   Anti-N Serum
   AntI-P Serum
   Anti-Rh Typing Serums:
     Anti-Rho (Anti-D)
Anti-Rho! (Anti-CD)
     Anti-Rho" (Anti-DE)
      Anti-Rhorh'rh" (Anti-COE)
     Anti-rh* (Anti-C)
     Anti-rh" (Anti-E)
Anti-hr' (Anti-C)
      Anti-br" (Anti-e)
      Anti-rhw (Anti-Cw)
   Anti-S Serum
   Anti-s Serum
   Reagent Red Blood Cells (Human)
```

158 WASHINGTON BLOOD LABORATORY, WASHINGTON, D.C.

```
Desgnostic Substances for Laboratory Tests
/Isorred Anti-A Serun
Anti-A Blood Grouping Serun
Anti-A Blood Grouping Serun
Anti-Hung Serun
Anti-
```

```
LIC. NO.
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159 BLOOD GROUPING LABORATORY OF BOSTON, INC., BOSTON, MASS.
Plaamostic Substances for Laboratory Tests

```
Absorbed Anti-A Serum
         Anti-A Blood Grouping Serum
         Anti-B Blood Grouping Serum
         Anti-Fv@ Serum (Anti-Duffy)
         Anti-Gr(Vu) Serum
         Antl-Human Serum
         Anti-Jk@ Serum (Anti-Kidd)
         Anti-K Serun (Anti-Keli)
         Anti-Kpa Serum (Anti-Penney)
Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)
         Anti-Los Sarum (Anti-Lewis)
         Anti-leb Serum
         Ant I-M Sorum
         Anti-M9 Serum
         Anti-P Serun
        Anti-Rh Typing Serums:
           Anti-Mo (Anti-D)
Anti-Mo! (Anti-CD)
          Anti-Hho! (Anti-C)
           Anti-ch" (Anti-E)
           Anti-hr' (Anti-c)
          Anti-hr* (Anti-e)
Anti-rh* (Anti-C*)
          Anti-Rho + Mfo (Anti-D + Du)
        Anti-S Secum
        Anti-s Serum
        Anti-Wra Serum (Anti-Wright)
164 PFIZER INC., NEW YORK, N.Y. with locations at:
       New York, N.Y.
                                Philadelphia, Pa.
     Blood and Blood Derivatives
        Red Blood Calls (Human)
        Single Donor Plasma (Human)
        Whole Blood (Human)
          ACD
          Heparin
     Diagnostic Substances for Laboratory Tests
        Absorbed Anti-A Serum
       Anti-A Blood Grouping Serum
       Anti-B Blood Grouping Serum
       Anti-A,8 Blood Grouping Serum
       Anti-Dia Serum (Anti-Diego)
       Anti-Fyb Serum (Anti-Duffy)
Anti-Fyb Serum
       Anti-Human Serum
       Anti-Jka Serum (Anti-Kidd)
       Anti-Jkb Serum
       Anti-K Serum (Anti-Keil)
       Anti-Koa Serum (Anti-Pennay)
       Anti-Kob Serum (Anti-Rautenberg)
       Anti-k Serum (Anti-Cellano)
       Anti-Lea Serum (Anti-Lewis)
      Anti-Lua Serum (Anti-Lutheran)
```

164 PFIZER INC. (conttd)

Diamostic Substances for Laboratory Tests (cont'd) Anti-M Serum Anti-N Serum Anti-P Sorum Anti-Rh Typing Serums: mti-Rh Typing Serums:
Anti-Rh<sub>O</sub> (Anti-D)
Anti-Rh<sub>O</sub> (Anti-CD)
Anti-Rh<sub>O</sub>" (Anti-DE)
Anti-Rh<sub>O</sub>" (Anti-DE)
Anti-rh<sup>®</sup> (Anti-CDE) Anti-rh" (Anti-E) Anti-hr' (Anti-c) Anti-hr" (Anti-c) Anti-hry (Anti-V) Anti-rhw (Anti-Cw) Anti-S Serum

# Anti-s Serum

Remont Red Blood Cells (Human) Misosllaneous Blood Group Specific Substance A Blood Group Specific Substance B

## 165 BLOOD BANK FOUNDATION, NASHVILLE, TENN,

Anti-U Serum (Anti-Ss)

Blood and Blood Derivatives Antihemophilic Plasma (Human) Normal Human Piasna Red Blood Cells (Human) Single Donor Plasma (Alman) Whole Blood (Human) ACD Henarin

#### Diamostic Substances for Laboratory Tests Absorbed Anti-A Serum

Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-A.B Blood Grouping Serum Anti-Human Serum Anti-K Serum (Anti-Kell) Anti-Rh Typing Serums: Anti-Rho (Anti-D) Anti-Rho' (Anti-CD) Anti-Rho" (Anti-DE) Anti-Rhorhirh" (Anti-CDE) Anti-rh" (Anti-C) Anti-rh\* (Anti-E) Anti-hr' (Anti-c)

166 BELLE BONFILS NEMORIAL BLOOD BANK, DENVER, COLO.

Blood and Blood Derivatives Red Blood Cells (Human) Single Donor Plasma (Human) Nhole Blood (Human)

HC NO

Heperin

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-Fyè Serum (Anti-Duffy) Anti-K Serum (Anti-Keil) Anti-Fh Typing Serumd:

Anti-Rho (Anti-D)
Anti-Rho (Anti-D)
Anti-Rho (Anti-CD)
Anti-rh (Anti-E)
Anti-hr! (Anti-C)
Anti-hr! (Anti-C)

167 J.K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK, DALLAS, TEX.

Blood and Blood Derivatives Whole Blood (Human) ACD

ISS MOUNT SINAI HOSPITAL MEDICAL CENTER, CPICAGO, ILL.

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human)

Diagnostic Substances for Laboratory Tests Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-Musan Serum Anti-M Serum

Anti-N Serum Anti-Rh Typing Serums: Anti-Rh<sub>O</sub> (Anti-D) Reagent Red Blood Cells (Human)

169 CHICAGO BLOOD BONOR SERVICE, INC., CHICAGO, ILL.

Blood and Blood Derivatives Red Blood Cells (Human) Single Domor Plasma (Human) Whole Blood (Human) ACD

Heparin

170 JACKSON BLOOD BANK, JACKSON, TENN,

LIC. NO.

Blood and Blood Derivatives Whole Blood (Human)

171 COURTLANG LABORATORIES, LOS ANGELES, CALIF.

Pleod and Blood Devisuations
Ant Homophil ILE Factor (Human)
Ant Himophil ILE Factor (Human)
Ant Himophil ILE Platana (Human)
Biornal Hamin Plasma
Biornal Hamin Plasma
Pl

173 INTERSTATE BLOOD BANK, INC., MEMPHIS, TENN. with location at: Philadelphia, Pa.

Blood and Blood Derivatives Single Donor Plasma (Human) Whole Blood (Human) ACD Heparin

175 INTER-COUNTY BLOOD BANKS, INC., ROCKVILLE CENTRE, N.Y.

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human) ACD

178 CALIFORNIA TRANSFUSION SERVICE, LOS ANGELES, CALIF.

Blood and Blood Derivatives Whole Blood (Human) ACD

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION, MIAMI, FLA.

Diagnostic Dibetaness for Eaboratory Tests
Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Diagnost Grouping Serum
Anti-Diagnost Grouping Serum
Anti-Diagnost

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION (cont<sup>†</sup>d)
Diagnostic Substances for Laboratory Tests

```
Anti-Jka Serum (Anti-Kidd)
Anti-k Serum (Anti-Gellano)
Anti-K Serum (Anti-Keil)
Anti-Kob Serum (Anti-Penney)
Anti-Lea Serum (Anti-Lewis)
Anti-Leb Serum
Anti-M Serum
Anti-M9 Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Tvoing Serums:
  Anti-Rho (Anti-D)
Anti-Rho! (Anti-CD)
  Anti-Rho! (Anti-CD)
Anti-Rho" (Anti-DE)
  Anti-Rhorh'rh" (Anti-CDE)
   Anti-ch" (Anti-E)
   Anti-hr' (Anti-c)
   Anti-he" (Anti-e)
   Anti-rh<sup>M</sup> (Anti-C<sup>M</sup>)
Anti-S Serum
Anti-s Serum
Anti-Xaa Serum
```

LIC NO

Miscellaneous
Requent Blood Group Specific Substances A and B

181 JACKSONVILLE BLOOD BANK, INC., JACKSONVILLE, FLA.

Rescent Red Blood Cells (Human)

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human) ACD

Diagnostic Substances for Laboratory Tests Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-Human Serum Anti-Rh Typing Serums: Anti-Rh Typing Serums:

182 IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY, SAN FRANCISCO, CALIF.

Blood and Blood Derivatives
Normal Human Plasma
Red Blood Calls (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

28

Lubbock, Tex.

Minot, N.D.

Meridian, Miss. Mesa, Ariz.

New Orleans, La.

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HC NO
 183 BLOOD SERVICES, SCOTTSDALE, ARIZ, with locations at:
        Albuquerque, N.M.
                                Little Rock, Ark.
```

Billings, Mont. Buffe, Mont. Chevenne, Wyo. El Paso, Tex.

Fargo, N.D. Fort Smith, Ark. Hariingen, Tex.

Houston, Tex. Lafayette, La.

Las Vegas, Nev.

Whole Blood (Human)

Phoenix, Ariz. Rapid City, S.D. Reno. Nev. San Antonia, Tex. Texarkana, Tex.

Blood and Blood Darwingtings Red Blood Ceils (Human) Single Donor Plasma (Human)

ACD

185 MINNEAPOLIS WAR MEMORIAL BLOOD BANK, MINNEAPOLIS, MINN. Blood and Blood Derivatives Normal Human Plasma Red Blood Calls (Human)

Single Donor Plasma (Human) Whole Blood (Human) ACD

Heparin

Diagnostic Substances for Laboratory Tests Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serun Anti-Rh Typing Serums:

Anti-Rho (Anti-D)
Anti-Rho (Anti-C)
Anti-rh' (Anti-C) Anti-rn" (Anti-E) Anti-hr' (Anti-c)

187 MILWAUKEE BLOOD CENTER, INC., MILWAUKEE, WIS.

Blood and Blood Derivatives Normal Human Plasma Reg Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD CPD

Anti-Human Serum

Diagnostic Substances for Laboratory Tests Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum

Anti-Rh Typing Serums: Anti-Rho (Anti-D) Anti-Rho! (Anti-CD) Auti-Rhorbitch" (Anti-CDE)

188 RESEARCH FOUNDATION AND UNIVERSITY OF ILLINOIS, CHICAGO, ILL.

Baoterial Vaccines BCG Vaccine

LIC NO.

190 THE AMERICAN MATIONAL RED CROSS, WASHINGTON, D.C.
with locations at:

Albany, N.Y.
Ashavilla, N.C.
Atlanta, Ga.
Atlanta, Ga.
Baltimore, Md.
Birmingham, Aia.
Bolse, Ideho
Boston, Mess.
Buffalo, N.Y.
Burilngton, Y.C.
Charloston, S.C.
Charloston, H.I.C.
Claveland, S.C.
Columbus, Ohio
Daytona Beach, Fil
Datroit, M.Ch.

chariotte, N.C.
Chicago, T. C.
Clavelland, Ohio
Columbus, Ohio
Columbus, Ohio
Daytona Beach, Detroit, Mich.
Filint, Mich.
Fort Nayme, and,
Fort Nayme, and,
Great Falls, Mont.
Hartford, Conn.
Huntington, M.Va.
Johnstown, Pe.
Lansing, Mich.
Little Rock, Ark.
Louisville, NY.
Madison, Wis.

Mobile, Ala.

Norfolk, Va. Omaha, Nebr. Peoria, III. Philadelphia, Pa. Portland, Oren. Rio Piedras, P.R. Rosnoke, Va. Rochester, N.Y. Sait Lake City, Utah Sen Jose, Celif. Savenneh, Ga. Springfield, Mo-St. Louis, Mo. St. Paul, Minn. Syracuse, N.Y. Toledo, Ohlo Tulsa, Okla. Tucson, Ariz. Waco, Tex. Washington, D.C. Naterioo, Iowa Michita Falls, Tex. Wichita, Kans. Wilkes-Barre, Pa.

Yakima, Wash.

Nashville, Tenn.

New York, N.Y.

New Brighton, Pa.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Ocnor Plasma (Human)
Mhole Blood (Human)
ACD
Mapperin

191 BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION, OAKLAND, CALIF.

Blood and Blood Derivatives
Red Blood Cells (Humen)
Single Concr Plasme (Humen)
Whole Blood (Humen)
MCD
Heparin

#### ESTABLISHMENT AND PRODUCT

192 KING COUNTY CENTRAL BLOOD BANK, INC., SEATTLE, WASH.

#### Blood and Blood Derivatives Normal Human Plasma

LIC NO

Whole Blood (Human)

193 CENTER LABORATORIES, INC., PORT WASHINGTON, N.Y.

Miscellaneous Allergenic Extracts

194 SACRAMENTO MEDICAL FOUNDATION BLOOD BANK, SACRAMENTO, CALIF.

## Blood and Blood Derivatives

Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD

195 PENINSULA MEMORIAL BLOOD BANK, BURLINGAME, CALIF.

# Blood and Blood Derivatives Red Blood Cells (Human)

Red Blood Cells (Human) Wholo Blood (Human) ACD

197 SONOMA COUNTY COMMUNITY BLOOD BANK, SANTA ROSA, CALIF.

## Blood and Blood Derivatives Whole Blood (Human)

198 TRI-COUNTIES BLOOD BANK, INC., SANTA BARBARA, CALIF.

## Blood and Blood Derivatives

Red Blood Cells (Human) Single Donor Plasma (Human) Mhole Blood (Human) ACD

199 BLOOD BANK OF HAWAII, HONOLULU, HAWAII

Blood and Blood Derivatives

Whole Blood (Human) ACD

201 SAN DIEGO BLOOD BANK, SAN DIEGO, CALIF,

Blood and Blood Derivatives Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD

### LIC. NO. ESTABLISHMENT AND PRODUCT

202 TACOMA-PIERCE COUNTY BLOOD BANK, TACOMA, WASH,

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

203 SPOKANE & INLAND EMPIRE BLOCD BANK, SPOKANE, WASH.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

204 VIRGINIA BLOOD BANK, INC., RICHMOND, VA.

Blood and Blood Derivatives Whole Blood (Human)

Diagnostic Substances for Laboratory Tests Anti-8 Blood Grouping Serum

209 MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL, CHICAGO, ILL.

Blood and Blood Derivatives Whole Blood (Human) ACD

212 DISTRICT OF COLUMBIA GENERAL HOSPITAL, MASHINGTON, D.C.

Blood and Blood Derivatives
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Heparin

213 BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER, WASHINGTON, D.C.

Blood and Blood Derivatives Whole Blood (Human) ACD

214 DOCTORS HOSPITAL BLOOD BANK, WASHINGTON, D.C.

## LIC. NO. ESTABLISHMENT AND PRODUCT

215 BLOOD GROUPING LABORATORY, WASHINGTON, D.C.

# Blood and Blood Derivatives

Normal Human Plasma Red Blood Cells (Human) Whole Blood (Human) ACD CPD

218 PROVIDENCE HOSPITAL BLOOD BANK, MASHINGTON, D.C.

Blood and Blood Derivatives Whole Blood (Human)

220 BROOME COUNTY BLOOD CENTER, BINGHAMTON, M.Y.

Blood and Blood Derivatives Whole Blood (Human) ACD

221 ESSEX COUNTY BLOOD BANK, EAST DRANGE, N.J.

Blood and Blood Derivatives Red Blood Colls (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD Honaria

222 AURORA AREA BLOOD BANK, AURORA, ILL.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Conor Plasma (Human)
Whole Blood (Human)
MCD
Henarin

224 COMMUNITY BLOOD AND PLASMA SERVICE, INC., BIFMINGHWM, ALA.
With locations at:
Mobile, Ala.
Msw York, N.Y.
Columbus, Ga.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Oonor Plesma (Human)
Whole Blood (Human)
ACO
Reparin

33

LIC.NO. ESTABLISHMENT AND PRODUCT

226 BLOOD BANK OF SAN BERNARDING AND RIVERSIDE COUNTIES, INC., SAN BERNARDING. CALIF.

Blood and Blood Derivatives Whole Blood (Human) ACD

227 CENTRAL FLORIDA BLOOD BANK, INC., ORLANDO, FLA.

Eustis, Fla. Rockledge, Fla. Sanford, Fla. Titusville, Fla.

Blood and Blood Derivatives Whole Blood (Human) ACD

228 SOUTHWEST FLORIDA BLOOD BANK, INC., TAMPA, FLA.

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human)

ACO

230 NORTHERN CALIFORNIA COMMUNITY BLOOD BANK, EUREKA, CALIF.

Blood and Blood Derivatives Whole Blood (Human) ACD CPO

231 DUBUQUE BLOOD BANK ASSOCIATION, DUBUQUE, IOMA

Blood and Blood Derivatives Whole Blood (Human) ACD

233 OCHSNER FOUNDATION HOSPITAL BLOOD BANK, NEW ORLEANS, LA.

Blood and Blood Derivatives Whole Blood (Human) ACD CPD

234 CENTRAL BLOOD BANK OF PITTSBURGH, PITTSBURGH, PA.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

34

#### LIC NO ESTABLISHMENT AND PRODUCT

235 UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE. CINCINNATI, OHIO

#### Blood and Blood Derivatives Red Blood Calls (Human)

Single Donor Plasma (Human) Whole Blood (Human) ACD

# Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-Rh Typing Serums: Anti-Rho (Anti-D) Reagont Red Blood Cells (Human)

237 SHREVEPORT EMERGENCY BLOOD BANK, INC., SHREVEPORT, LA.

## Blood and Blood Derivatives

Whole Blood (Human)

ACD CPD

238 ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO, SIENA, ITALY

#### Antitoxina

Diphtheria Antitoxin Tetanus Antitoxin

Therapsutio Immose Serums

# Antirabias Serum

Toxoids and Toxins for Immunisation Diphtheria Toxold Diphtheria Toxold Adsorbed Staphylococcus Toxold Tetanus Toxold Tetanus Toxold Adsorbed

239 HOUCHIN COMMUNITY BLOOD BANK, BAKERSFIELD, CALIF.

#### Blood and Blood Derivatives Whole Blood (Human)

ACD

240 MEMPHIS BLOOD CENTER, INC., HEMPHIS, TELM.

#### Blood and Blood Derivatives Red Blood Cells (Human) Single Donor Plasma (Human)

lihole Blood (Human) - ACD Hoparin

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HC NO
                 ESTABLISHMENT AND PRODUCT
  241 COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS, HOUSTON, TEX.
         with locations at:
         Dellas, Tex.
                               Los Angeles, Callf.
       Blood and Blood Devinatings
          Red Blood Calis (Human)
         Whole Blood (Human)
           ACD
           Heparin
 244 TRAVIS COUNTY MEDICAL SOCIETY BLOOD BANK, AUSTIN, TEX.
      Blood and Blood Derivatives
         Whole Blood (Human)
          ACD
 246 OOFFEE MEMORIAL BLOOD CENTER, INC., AMARILLO, TEX.
     Blood and Blood Derivatives
        Red Blood Ceils (Human)
        Single Donor Plasma (Human)
        Whole Blood (Human)
          CPD
248 SOUTH BEND MEDICAL FOUNDATION, INC., SOUTH BEND, IND.
     Blood and Blood Derivatives
       Whole Blood (Human)
         ACD
```

249 MORTHERN ILLINOIS BLOOD BANK, ROCKFORD, ILL.

Blood and Blood Derivatives

Whole Blood (Human) ACD

251 JACOB BLUMBERG NEWORIAL BLOOD BANK, INC...
OF THE LAKE COUNTY MEDICAL SOCIETY, MAUKEGAN, ILL.

Blood and Blood Derivatives Wholo Blood (Human) ACD CPD

254 KNOXVILLE DLOOD CENTER, INC., KNOXVILLE, TEMN.
Blood and Blood Derivatines

Red Blood Cells (Human) Single Donor Plesma (Human) Mhole Blood (Human) ACD CPD Imparin

#### IIC NO ESTABLISHMENT AND PRODUCT

258 DESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.M.B.H. VIENNA, AUSTRIA

Blood and Blood Derivatives Immune Serum Globulin (Human) Normal Serum Albumin (Human) Plasma Protein Fraction (Human) Tetanus Immuno Globulin (Human)

259 HOLSTON VALLEY COMMUNITY HOSPITAL BLOOD BANK, KINGSPORT, TENN.

Blood and Blood Derivatives Whole Blood (Human)

260 ST, FRANCIS HOSPITAL BLOOD BANK, TRENTON, N.J.

Blood and Blood Derivatives Whole Blood (Flumen) ACD

261 HOSPITAL BLOOD SERVICE, INC., DETROIT, MICH.

Blood and Blood Derivatives Whole Blood (Human) ACD

263 THE COMMUNITY BLOOD BANK OF NORTON, INC., NORTON, VA. Blood and Blood Derivatives

Whole Blood (Human) ACD

265 W.E. AND LELA I. STEWART BLOOD CENTER, INC., TYLER, TEX. Blood and Blood Derivatives Ithole Blood (Human)

266 BLOOD BANK OF THE BRYN MAWR HOSPITAL, BRYN MAWR, PA.

Blood and Blood Derivatives Whole Blood (Human) ACO

267 BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH), DULUTH, MINN.

Blood and Blood Derivatives Whole Blood (Human) ACD

CPD

ACD

#### UC NO PSTABLISHMENT AND PRODUCT

268 INTERSTATE BLOOD BANK, INC., ST. LOUIS, MO.

Blood and Blood Derivatives Whole Blood (Human) ACD

Heparin

269 BEVERLY BLOOD CENTER, INC., CHICAGO, ILL. with location at:

Blood and Blood Derivatives Red Blood Cells (Human) Single Donor Plasma (Human) Mhote Blood (Human) ACT

CPD Heparin

CPD

270 MARIETTA MEMORIAL HOSPITAL, MARIETTA, OHIO

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human)

271 ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK, RACINE, WIS.

Blood and Blood Derivatives
Tetanus Immune Globulin (Human)
Whole Blood (Human)
ACD

272. MICHIGAN COMMUNITY BLOOD CENTER, DETROIT, MICH, with locations at:
Grand Rapids, Mich. Saglage, Mich.

Blood and Blood Derivatives
Rad Blood Cells (Human)
Singio Donor Piasma (Human)
Whole Blood (Human)
ACD
Haparin

273 OKLAHOMA CITY COMMUNITY BLOOD BANK, INC., OKLAHOMA CITY, OKLA.

#### HC NO. ESTABLISHMENT AND PRODUCT

274 BERGEN COMMUNITY BLOOD BANK, PARAMUS, N.J.

Blood and Blood Derivatives
Red Blood Colls (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

Heparin

276 WESTERN PENNSYLVANIA BLOOD CENTER, INC., PITTSBURGH, PA.

Blood and Blood Derivatives
Whole Blood (Human)
MCO

277 COMMUNITY MEMORIAL GENERAL HOSPITAL, LA GRANGE, ILL.

Blood and Blood Derivatives Whole Blood (Human)

278 PIONEER BLOOD SERVICE, INC., BRONX. N.Y.

Blood and Blood Derivatives
Red Blood Celis (Human)
Single Donor Plasma (Human)
Hhole Blood (Human)
ACC

283 HOFFMANN LABORATORIES, INC., FAIR LAWN, N.J.

Bagterial Antigens

1 Bacterial antigens with "No U.S. Standard of Potency" 5 Polyvalent bacterial entigens with "No U.S. Standard of Potency"

284 RHODE ISLAND HOSPITAL BLOOD BANK, PROVIDENCE, R.I.

Blood and Blood Derivatives Whole Blood (Human)

286 EDGEWATER HOSPITAL BLOOD BANK, CHICAGO, ILL.

## LIC,NO. ESTABLISHMENT AND PRODUCT

288 DELTA BLOOD BANK, STOCKTON, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)

289 HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK, PHILADELPHIA, PA.

# Blood and Blood Derivatives

Red Blood Cells (Humen) Single Donor Plesna (Humen) Mhole Blood (Human) ACD

# Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-A,B Blood Grouping Serum Anti-A,base Serum Anti-Muman Serum Anti-K Serum (Anti-Keil) Anti-Rh Typing Serums: Anti-Rh (Anti-D)

# 290 PINEVIEW GENERAL HOSPITAL BLOOD BANK, VALDOSTA, GA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

CPD

295 COMMUNITY BLOOD BANK AND SERUM SERVICE, HOBOKEN, N.J.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Denor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

296 MIDWEST BLOOD SERVICE, INC., DETROIT, MICH.

Blood and Blood Derivatives Whole Blood (Human)

298 LEWISTON-CLARKSTON BLOOD BANK, LEWISTON, IDAHO

#### LIC NO ÉSTABLISHMENT AND PRODUCT

299 DELMONT LABORATORIES, INC., SWARTHWORE, PA.

#### Ranterial Antioens

I Polyvalent bacterial antigen with "No U.S.

Standard of Potency\*

300 MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MASS,

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human) ACD

301 CLEVELAND BIDLOGICALS, INC., CLEVELAND, OHIO with location at: Akron, Ohio

Blood and Blood Derivatives Whole Blood (Human) ACD CPD Heparin

302 COMMUNITY BLOOD BANK OF THE KANSAS CITY AREA, INC., KANSAS CITY, MO.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Mhole Blood (Human)
ACD
CPO
Hacarin

304 LANE MEMORIAL BLOOD BANK, EUGENE, OREG.

Blood and Blood Derivatives Whole Blood (Human)

305 INTERSTATE BLOOD BANK, INC., OF CHICAGO, ILLINOIS, CHICAGO, ILL.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasme (Human)
Whole Blood (Human)
ACD
Hanaria

306 PUREX LABORATORIES, INC., HANOVER, N.J.

Misosilansous Allergenic Extracts

#### LIC. NO. ESTABLISHMENT AND PRODUCT

30B GREER LABORATORIES, INC., LENDIR, N.C.

Miecellaneoue Allergenic Extracts

309 SUBURBAN HOSPITAL BLOOD BANK, BETHESDA, NO.

Blood and Blood Derivatives Whole Blood (Human)

310 ARLINGTON HOSPITAL BLOOD BANK, ARLINGTON, VA.

Blood and Blood Derivatives Whole Blood (Human)

312 WORLO BLOOD BANK, INC., TULSA, OKLA.

Blood and Blood Derivatives Whole Blood (Human) .ACD Heparin

313 SOUTHEASTERN GENERAL HOSPITAL, INC., LUMBERTON, N.C.

Blood and Blood Derivatives Whole Blood (Human) ACO CPD

314 BLOOD BANK, N.C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, N.C.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Pleams (Human)
Whole Blood (Human)
ACD

315 CENTRAL CALIFORNIA BLOCK BANK, FRESNO, CALIF.

Blood and Blood Derivatives Whole Blood (Humen) ACD CPD

316 MAINE MEDICAL CENTER BLOOD BANK, PORTLAND, MAINE

tivee

42

#### ESTABLISHMENT AND PRODUCT

317 ST. VINCENT HOSPITAL BLOOD BANK, ERIE, PA.

Blood and Blood Derivatives Whole Blood (Human)

LIC NO

320 GARGEN STATE BLOOD BANK, NEWARK, N.J.

Blood and Blood Derivatives Whale Blood (Human)

321 NATIONAL BLOOD PRODUCTS, INC., NEW YORK, N.Y.

Blood and Blood Derivatives
Red Glood Cells (Human)
Single Donar Plasma (Human)
Whole Glood (Human)
ACD
Hengelin

325 A/B KABI, STOCKHOLM, SWEDEN

Micoellancous Streptakinase

326 NEW HAMOVER MEMORIAL HOSPITAL BLOOD BANK, WILMINGTON, N.C.

Blood and Blood Derivatives Whale Blood (Human) ACD

327 THE ELIZABETH GENERAL HOSPITAL AND DISPENSARY, ELIZABETH, N.J.

Blood and Blood Derivatives Whole Blood (Human) ACD

CPD

332 TRI-CITIES BLOOD SERVICE, INC., JOHNSON CITY, TENN.

Blood and Blood Derivatives Whole Blood (Human)

333 CENTRAL BLOOD SERVICE, INC., BALTIMORE, MD.

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HC NO
                ESTABLISHMENT AND PRODUCT
 334 BERKELEY BIOLOGICALS, BERKELEY, CALIF.
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**Hisaalloneous** Allergenic Extracts

336 EASTERN BLOOD BANK, JERSEY CITY, N.J.

Blood and Blood Derivatives Red Blood Cells (Human)

Single Donor Plasms (Human) Mhole Blood (Hunan) ACD Hepartn

337 GLAXO LABORATORIES, LTD., GREENFORD, MIDDLESEX, ENGLAND Basterial Vanninae BOG Vaccine

338 PFIZER, LTD., SANDWICH, KENT, ENGLAND

Viral and Ricketteial Vaccines ral and Microsoffice, Live, Oral, Trivalent Poliovirus Vaccine, Live, Oral, Trivalent Poliovirus Vaccine, Live, Oral, Type 1 Poliovirus Vaccine, Live, Oral, Type 2 Poliovirus Vaccine, Live, Oral, Type 3

339 HARRISON COUNTY BLOOD BANK, CLARKSBURG, W.VA.

Blood and Blood Derivatives Mhole Blood (Human) ACD

344 SPECTRA BIOLOGICALS DIVISION SECTON-DICKINSON & CO., OXNARD, CALIF.

Diagnostic Substances for Laboratory Tests Absorbed Anti-A Serum

Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-A,B Blood Grouping Serum Anti-Dia Serum (Anti-Diego) Anti-Fve Serum (Anti-Dutty) Anti-Fyb Serum Anti-Human Sorum Anti-Jka Serum (Anti-Kidd) Anti-Jsa Serum (Anti-Sutter) Anti-k Serum (Anti-Cellano) Anti-K Serum (Anti-Keli) Anti-Kpa Serum (Anti-Penney) Anti-Kob Serum (Anti-Reutenberg) Anti-M Serum Anti-Nia Serum (Anti-Miltenberger)

Anti-P Serun

344 SPECTRA BIOLOGICALS (cont.)d)

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Diagnostic Substances for Laboratory Tests
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Anti-Sh Typing Serums:
  Anti-Rho (Anti-D)
Anti-Rho (Anti-D)
  Anti-Rho" (Anti-DE)
  Anti-Rhorhirh" (Anti-CDE)
  Anti-rh* (Anti-C)
Anti-rh* (Anti-E)
  Anti-hr! (Anti-c)
Anti-hr! (Anti-c)
  Anti-rh* (Anti-C*)
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Anti-S Serum Anti-s Serum Reagent Red Blood Cells (Human)

345 SCIENTIFIC BLOCD BANK, INC., CHICAGO, ILL.

```
Blood and Blood Derivatives
   Red Blood Cells (Humen)
   Single Conor Plasma (Human)
  Whole Blood (Human)
    ACD
    Henarin
```

346 OHIO VALLEY BLOOD SERVICE, INC., EVANSVILLE, IND.

Blood and Blood Derivatives Red Blood Colls (Human) Whole Blood (Human) ACO

347 BANCO DE SANGRE METROPOLITAND, INC., SANTURCE, P.R.

Blood and Blood Derivatives Whole Blood (Human) ACO

348 DES NOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC., BURLINGTON, IOWA

Blood and Blood Derivatives Mhole Blood (Human) ACD

349 SCHERING CORPORATION, PORT READING, N.J.

Diagnostic Substances for Laboratory Tests Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum Anti-A.B Blood Grouping Serum Anti-Fy® Serum (Anti-Duffy) Anti-Human Serum Anti-Jke Serun (Anti-Kidd) Anti-Jkb Serum 45

Anti-K Serum (Anti-Kell)

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349 SCHERING CORPORATION (contid)
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Diganostia Substances for Laboratory Tests
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Anti-M Serum
Anti-N Serum
Anti-N Serum
Anti-N Serum
Anti-No. Typing Serum:
Anti-No. Typing Serum:
Anti-No. (Anti-OD)
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# Reagant Red Blood Cells (Human) 351 EVANS MEDICAL LIMITED, SPEKE, LIYERPOOL, ENGLAND

Diagnostic Substances for Dermal Tests
Tuberculin
Purified Protein Derivative

354 NEW OFLEANS BLOOD BANK, NEW ORLEANS, LA.

Blood and Blood Derivatives Whole Blood (Human) ACD CPD Heparin

355 ALEXANDRIA HOSPITAL BLOOD BANK, ALEXANDRIA, VA.

Blood and Blood Derivatives Mhole Blood (Human)

356 DAYTON BIOLOGICALS, INC., DAYTON, OHIO

Blood and Blood Derivatives Whole Blood (Human) AGD CPD

357 GREENVILLE GENERAL HOSPITAL BLOOD BANK, GREENVILLE, S.C.

#### LIC NO. ESTABLISHMENT AND PRODUCT

358 INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP., INSTITUTE, W.VA.

Blood and Blood Derivatives Whole Blood (Human) ACD

359 PRINCETON LABORATORY PRODUCTS CO., PRINCETON, N.J.

Diagnostic Substances for Laboratory Tests
Anti-Human Chorlonic Gonsdotronic Serum

WAS MERCED COUNTY GENERAL HOSPITAL BLOOD BANK, MERCED, CALIF.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

361 BLOOD BANK OF ALASKA, INC., ANCHORAGE, ALASKA

Blood and Blood Derivatives Whole Blood (Human) ACD

362 MILES LABORATORIES, INC., ELKHART, IND. with location at: West Haven, Conn.

Blood and Blood Derivatives

Redio-iodinated (1125) Serum Albumin (Human) Redio-iodinated (1131) Serum Albumin (Human)

Diagnostic Substances for Laboratory Tests Anti-Human Chorionic Gonadotropic Serun

Misosilansous Allergenic Extracts

Allergenic Extracts Alum Precipitated Poison Ivy Extract Alum Precipitated

363 ORGANON, INC., WEST OFANGE, N.J.

Diagnostic Substances for Laboratory Tests Anti-Human Chorlonic Gonadotropic Serum

364 BEECHAM GROUP LTD., WORTHING, SUSSEX, ENGLAND

Miscellansous Allergenic Extracts

365 FAIRFAX HOSPITAL BLOCD BANK, FALLS CHURCH, VA.

#### LIC. NO. ESTABLISHMENT AND PRODUCT

366 SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC., DAVENPORT, IOWA

Blood and Blood Derivatives Red Blood Cells (Human) Single Donor Plasma (Human)

Whole Blood (Human) ACD

368 DUNKLIN COUNTY MEMORIAL HOSPITAL, RENNETT, MO.

Blood and Blood Derivatives Whole Blood (Human) ACD CPD

369 HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK. SILVER SPRING, NO.

> Blood and Blood Derivatives Red Blood Coils (Human) Whole Blood (Hyman) ACU

372 BROEMMEL PHARMACEUTICALS, SAN FRANCISCO, CALIF.

Miscellansous Poison Ivy Extract Polson Oak Extract

373 ROCK ISLAND COUNTY BLOOD BANK, INC., ROCK ISLAND, ILL.

Blood and Blood Derivatives Red Blood Coils (Human) Singre Donor Plasma (Human) Whole Blood (Human) ACD

374 ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC., MIAMI BEACH, FLA.

Blood and Blood Darivations Whole Blood (Human) ACD CPD

375 BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL, BALTIMORE, MD.

#### IIC NO

ESTABLISHMENT AND PRODUCT

376 PHILIPS ROXANE, INC., ST. JOSEPH, NO.

Viral and Ricketteial Vaccines
Measles Virus Vaccine, Live, Attenuated
Rubelia Virus Vaccine, Live

378 N.V. ORGANON, OSS, THE NETHERLANDS

Diagnostic Substances for Laboratory Tests Anti-Human Chorionic Gonedotropic Serum

379 CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE, AMSTERDAM, THE NETHERLANDS

Blood and Blood Derivatives Immune Serum Globulin (Human)

380 SIBLEY MEMORIAL HOSPITAL, WASHINGTON, D.C.

Blood and Blood Derivatives Whole Blood (Human) ACD CPD Heparin

381 THE ROOSEVELT HOSPITAL, NEW YORK, N.Y.

Misoellansous Allergenic Extracts

382 NYEGAARO & CO. A/S, OSLO, NORMAY Blood and Blood Derivatives Madified Plasma (Powles)

383 ADVANCE BIDFACTURES CORPORATION, LYNBROOK, N.Y.

Miscellaneous Collagense

384 INSTITUT MERIEUX, LYON, FRANCE

Diagnostic Substances for Dermal Tests
Tuberculin
Old

#### LIC. NO. ESTABLISHMENT AND PRODUCT

386 COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC., THE NEW YORK BLOOD CENTER, NEW YORK, N.Y.

Blood and Blood Derivatives
Normal Sarum Albumin (Human)
Red Blood Cells (Human)
Single Conor Plasma (Human)
Whole Blood (Human)
ACD
Henerin

387 PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK, ALBANY, GA.

Blood and Blood Derivatives Whole Blood (Human) ACO CPD

388 MEDICAL CENTER BLOOD BANK, COLUMBUS, GA.

Blood and Blood Derivatives Whole Blood (Human)

389 COMMUNITY BLOOD BANK OF CENTRAL IONA, DES NOINES, IOWA

Blood and Blood Derivatives Whole Blood (Human) ACD

390 ST, BARNABAS HOSPITAL FOR CHRONIC DISEASES, BROWN, N.Y.

Blood and Blood Derivatives Whole Blood (Human)

391 MEDIX, INC., CHICAGO, ILL.

Blood and Blood Derivatives Whole Dlood (Human) ACD

392 WASHINGTON HOMOEOPATHIC PHARMACY, WASHINGTON, D.C.

Wiscellaneous Polson Ivy Extract

393 N.V. PHILIPS-DUPHAR, WEESP AND OLST, THE NETHERLANDS

Viral and Ricketteial Vaccines Influenza Virus Vaccine

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LIC NO ESTABLISHMENT AND PRODUCT
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394 COMMUNITY BLOCD CENTER, DAYTON, OHIO

Blood and Blood Derivatives Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human)

Whole Blood (Human) ACO

395 PERTH AMBOY GENERAL HOSPITAL, PERTH AMBOY, N.J.

Blood and Blood Derivatives Whole Blood (Human)

396 NATIONAL BLOOD SERVICE, INC., BALTIMORE, MD.

Blood and Blood Derivatives Whole Blood (Human) ACD Haparin

397 LABORATORIO Y BANCO DE SANGRE ARRECHE, SANTURCE, P.R.

Blood and Blood Derivatives Whole Blood (Human) ACO

Blood and Blood Derivatives

398 COMMUNITY BLOOD BANK OF MARION COUNTY, INC., INDIANAPOLIS, IND.

Whole Blood (Human) ACD CPD

399 BLOOD BANK OF DEACONESS HOSPITAL, INC., EVANSVILLE, INC.

Blood and Blood Derivatives Mhole Blood (Human) ACD

CP0

400 NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC., PHILADELPHIA, PA.

Blood and Blood Derivatives
Rad Blood Cells (Human)
Single Donor Plasms (Human)
Whole Blood (Human)
ACD
Haparin

#### ESTABLISHMENT AND PRODUCT

401 CHATTANOOGA BLOOD CENTER, INC., CHATTANOOGA, TENN.

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human) ACO CPD Heparin

IIC NO

402 STANFORD UNIVERSITY HOSPITAL BLOOD BANK, PALO ALTO, CALIF.

Micod and Micod Derivatings
Cryperce| Tend Antihemoph||Ic Factor (Human)
Red Blood Ce||is (Human)
Single Conor-Please (Human)
Noid Blood (Human)
ACD
CPU
Upper

403 ST. JOSEPH HOSPITAL, INC., BALTINORE, MD.

Blood and Blood Derivatives Whole Blood (Human)

404 BLOOD BANK AND SERUM SERVICE, INC., NEW YORK, N.Y.

Blood and Blood Darivatives

Mhole Blood (Human)

405 HARRISBURG POLYCLINIC HOSPITAL, HARRISBURG, PA.

Blood and Blood Derivatives Whole Glood (Human)

Acn

406 LAS AMERICAS LABORATORY AND BLOOD BANK, INC., HATO REY, P.R.

Blood and Blood Derivatives Whole Blood (Human) ACU

407 ALLERGY LABORATORIES OF OHIO, INC., COLUMBUS, OHIO

Miscellaneous Ailergenic Extracts

40B UNITED LABORATORIES, INC., ATLANTA, GA.

#### ESTABLISHMENT AND PRODUCTS

409 ANDREN, INC., FORT MYERS, FLA.

UC NO

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)

410 TRI-CITIES BLOOD SERVICE OF AUGUSTA, INC., AUGUSTA, GA.

Blood and Blood Derivatives Whole Blood (Human)

411 MID-SOUTH BLOOD SERVICE, INC., MEMPHIS, TENN.

Blood and Blood Derivatives Whole Blood (Hunen) ACD

412 ALLERGY SPECIFICS, INC., NEW YORK, N.Y.

Misosliansous Allergenic Extracts

413 NORTH AMERICAN BIOLOGICALS, INC., FORT LAUDERDALE, FLA.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
CPD

Diagnostia Substances for Laboratory Tests
Anti-A Blood Grouping Serum
Anti-A, B Blood Grouping Serum
Anti-A, B Blood Grouping Serum
Anti-Rh, Typing Serum
Anti-Rh, (Anti-DE)
Anti-Hh (Anti-E)

414 AMERICAN BLOOD COMPONENTS, INC., MEMPHIS, TENN.

Blood and Blood Derivatives Single Donor Plasma (Human)

415 METABOLIC, INC., HOUSTON, TEX.

# LIC. NO. ESTABLISHMENT AND PRODUCT

415 METABOLIC, INC. (cont'd)

Diagnostic Substances for Laboratory Tasks
Art1-8 Blood Grouping Serum
Art1-8 Blood Grouping Serum
Art1-18 Blood Grouping Serum
Art1-19 Blood Grouping Serum
Art1-14-man Serum
Art1-14-man Serum
Art1-14-man Serum
Art1-14-man (Art1-14-0)
Art1-18-10 [Art1-0]
Blood Grouping Serum
Art1-14-10 [Art1-0]
Blood Grouping Serum
Art1-14-10 [Art1-0]
Blood Grouping Serum
Blood Gr

416 BIOFRODUCTS RESEARCH LABORATORIES, INC., TEMPE, ARIZ.

Diagnostic Substances for Dermal Tests

417 STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER, SYRACUSE, N.Y.

Blood and Blood Derivatives Whole Blood (Human) ACD

418 ALLIED PLASMA CORP., MIAMI, FLA.

Blood and Blood Derivatives Whole Blood (Human)

419 COLUMBUS BIOLOGICALS, INC., COLUMBUS, OHIO

Blood and Blood Derivatives Whole Blood (Human) ACD OPD

420 EASTERN BIOLOGICALS, INC., MIAMI, FLA.

Diagnostic Substances for Laboratory Seets
Anti-A Blood Grouping Serun
Anti-B Blood Grouping Serun
Anti-B Blood Grouping Serun
Anti-Bryling Seruns:
Anti-Bryling Seruns:
Anti-Brothirh (Anti-ODE)
Anti-Bro (Anti-D)

421 GEORGIA BLOOD BANK & SERUM LABORATORIES, INC., AUGUSTA, GA.

#### LIC. NO. ESTABLISHMENT AND PRODUCT

422 AMERICAN BLOOD BANK SERVICE, INC., MIAMI, FLA.

Blood and Blood Derivatives Whole Blood (Human) ACD

423 GCI LABORATORIES, INC., CLEARWATER, FLA.

Blood and Blood Derivatives Red Blood Cells (Human) Whole Blood (Human) CPD

425 HOMER D. COBB MEMORIAL HOSPITAL, PHENIX CITY, ALA.

Blood and Blood Derivatives Whole Blood (Human)

427 WELLCOME REAGENTS LIMITED, BECKENHAM, KENT, ENGLAND

Diagnostic Substances for Laboratory Tests
Anti-Human Chorionic Schadotropic Serum

Misostlansous Russell Viper Venon

Nassoni riper reno

42B COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC., TRENTON, N.J.

Blood and Blood Derivatives Whole Blood (Human) CPD

429 PENINSULA GENERAL HOSPITAL OF WICOMICO COUNTY, SALISBURY, ND.

Blood and Blood Derivatives Whole Blood (Human) ACD CPD

430 RECHERCHE ET INCUSTRIE THERAPEUTIQUES S.A., RIXENSART, BELGIUM

Viral and Ricketteial Vaccine

Rubella Virus Vaccine, Live

431 ST. FRANCIS HOSPITAL, INC., COLUMBDS, GA.

#### ESTABLISHMENT AND PRODUCT LIC NO

432 RALEIGH BLOOD CENTER, DIVISION WORTH CAROLINA STATE BLOOD CENTERS, INC., RALEIGH, N.C.

Blood and Blood Derivatives

Mhole Blood (Human) ACD

433 "BIOTEST"-SERUM-INSTITUT GMBH, FRANKFURT/MAIN, WEST GERMANY

Diagnostic Substances for Laboratory Tests Anti-A Blood Grouping Serum Anti-B Blood Grouping Serum

# ALPHABETICAL LIST OF BIOLOGIC PRODUCTS WITH LICENSE NUMBERS OF ESTABLISHMENTS LICENSED FOR EACH PRODUCT

PART III

PART I	11			
PRODUCT	LICENSE NUMBER			
Absorbed Anti-A Sorum	139, 140, 155, 156, 157, 158, 159, 164, 165, 179, 344			
Adenovirus end influenze Virus Veccines Combined Aluminum Phosphate Adsorbed	4			
Adenovirus Veccine	1, 3			
Aggregated Radio-Iodinated (II31) Albumin (Human)	43, 52, 77			
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Allergenic Extrects Alum Precipitated	362			
Anthrex Veccine Adsorbed	99			
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	420, 433			
Anti-B Blood Grouping Serum	17, 43, 139, 140, 149, 155, 456, 157, 156, 159, 168, 169, 168, 179, 181, 185, 187, 204, 235, 289, 344, 349, 413, 415, 420, 433			
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Anti-Die Serum (Anti-Diego)	164, 179, 344			
Anti-Fye Serum (Anti-Duffy)	17, 43, 140, 155, 156, 157, 159, 164, 166, 179, 344, 349			
Anti-Fyb Serum	164, 179, 344			
Anti-Gr(Vy) Serum	159			
Antihemophilic Fector (Human)	1, 52, 140, 171			
Antihemophilic Globulin (Huren)	99			
Antihemophilic Plasma (Human)	113, 140, 165, 171			
Anti-Hemophilus influenzas Type b Serum	99			
Anti-Human Chorlonic Gonadotropic Serum	1, 136, 140, 156, 359, 362, 363, 378, 427			
Anti-Humen Serum	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 168, 179, 181, 187, 289, 344, 349, 415, 420			

PRODUCT	LICENSE NUMBER

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Anti-P Serum 156, 157, 159, 164, 179, 344, 349
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PRODUCT	LICENSE NUMBER
Anti-ch¹ (Anti-C)	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 179, 185, 344, 349
Anti-rh" (Anti-E)	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 179, 185, 344, 349, 413
Anti-hr' (Anti-c)	17, 43, 139, 140, 149, 155, 156, 157, 164, 165, 166, 179, 185, 344, 349, 415
Anti-hr" (Anti-e)	17, 43, 139, 140, 149, 155, 156, 157, 159, 164, 165, 166, 179, 344, 349
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Diphtherie & Tetanus & Pollomyelitis Vac		•	1							
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Diphtheria Toxold			١,	3,	64,	73,	101,	110,	121,	238
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Fibrinolysin end Doso: Combined (Bovino) w	yribonuclease Ith Chioremphenico	ı	1							
Ges Genoreno Polyvaler	nt Antitoxin		3,	17,	101,	129				
· influenza	Typing Serum		140							
'n			1							
		60								

# PRODUCT LICENSE NUMBER

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Polyvalent modified becterial antigens with "No U.S. Standard of Potency"	1
Polyvalent sensitized becteriel veccines with "No U.S. Standard of Potency"	2
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# PRODUCT LICENSE NUMBER

PRODUCT	LICENSE NUMBER		
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Smallpox Vaccine	i, 2, 3, 8, 17, 56, 64, 73, 99, 101		
Stephylococcus Antitoxin	73		
S†aphy lococcus Toxol d	1, 17, 73, 101, 110, 238		
Staphylococcus Toxold & Becterial Antigen mede from Staph. (Albus & Aureus)	l, 52		
Staphylococcus Toxold & Bacteriel Vaccine mede from Staphylococcus (Aureus)	foi		
Stephylococcus Toxold-Streptococcus Toxin Bectorial Veccine made from Stephylococcus (Aureus), Streptococcus (Henolyticus), Pnourococcus and Henophlius Influenzae	101		
Straptococcus Erythrogenic Toxin	101		
Streptokinase	325		
Streptokinase-Streptodornase	17, 97		
Totanus Antitoxin	i, 3, 17, 21, 56, 64, 73, 99, 101, 129, 230		
Tetanus and Diphtheria Toxolds Adsorbed (For Adult Use)	2, 3, 17, 56, 64, 101, 121		
Totanus & Gas Gengrane Polyvalent Antitoxin	1, 3, 17, 56, 101		

#### PRODUCT

Tetenus Inmune Globulin (Humen)

Tetanus Toxold

Tetanus Toxold Adsorbed

Th romb in

Trichinella Extract

Tubercullo

ACO

Old

Purified Protein Derivative

Typhold Vaccine

Typhold and Paretyphold Vaccine Typhus Vaccine

V. eeptione Antitoxin

Vaccinie Immune Globulin (Human) Whole Blood (Human)

#### LICENSE NUMBER

1, 2, 3, 8, 17, 52, 64, 99,

1, 2, 3, 8, 17, 56, 64, 73, 101, 110, 121, 238

1, 2, 3, 17, 21, 56, 64, 97, 99, 101, 110, 121, 238

1. 51. 196

1, 17, 56, 64, 99, 121, 384

1, 2, 73, 351

2, 3, 56, 64, 99, 101, 110, 121

1, 17, 56, 64, 59, 101, 110

56 140

17

84, 99, 113, 139, 140, 154, 164, 165, 165, 167, 168, 169, 170, 171, 173, 175, 178, 181, 182, 183, 185, 187, 190, 191, 192, 194, 193, 197, 198, 199, 201, 202, 203, 204, 209, 212, 213, 214, 215, 218,

312, 313, 315, 327, 345, 354, 356, 366, 366, 366, 373, 374, 380, 387, 388, 399, 401, 402, 409, 413, 419, 423, 425, 428, 429

	D/	

#### LICENSE NUMBER

101

Whole Blood (Human)

Heparin

113, 164, 165, 166, 169, 173, 182, 185, 190, 191, 212, 221, 222, 224, 240, 241, 254, 268, 269, 272, 274, 295, 301, 302, 305, 321, 336, 345, 354, 360, 386, 386, 400, 401, 402, 415

Yellow Fever Vaccine

#### ALPHABETICAL LIST OF BIOLOGIC PRODUCTS BY CATEGORY

# PART IV

# ANTITOXINS

B. oxdemations Antinoin Botulism Antinoin Ulphtheris Antinoin Gas Gangrane Polyvaient Antitoxin Pertringans Antitoxin Staphylococcus Antitoxin Tetanus Antitoxin Tetanus Antitoxin Tetanus Antitoxin

#### BACTERIAL ANTIGENS

Bacterial antigens with "Wo U.S. Standard of Potency"
Polyvalent bacterial antigens with "No U.S. Standard of Potency"
Pseudomonas Polysaccharide

#### BACTERIAL VACCINES

Anthrax Vaccine Adsorbed
BDS Vaccine
Cholers Vaccine
Pertussis Vaccine
Pertussis Vaccine
Pertussis Vaccine
Ansorbed
Flagues Vaccine
Flagues Vaccine
Typhold Vaccine
Typhold Vaccine
Typhold Vaccine

## BLOOD AND BLOOD DERIVATIVES

Agencysted Resile-Icalisated (III) Albumin (Muman)
Arthemophil Ic Echort (Muman)
Arthemophil Ic Echort (Muman)
Arthemophil Ic Echort (Muman)
Arthemophil Ic Echort (Muman)
Factor IX Complex (Muman)
Factor IX Complex (Muman)
Fibringon with Anthemophil Ic Factor (Muman)
Fibringon with Anthemop

Immune Serum Globulin (Humen)
Measles Immune Globulin (Humen)
Measles Immune Globulin (Humen)
Modified Plasma (Bovine)
Humps Immune Globulin (Hümen)
Normal Humen Plasma
Normal Humen Plasma

Hormal Human Serum

#### BLOOD AND BLOOD DERIVATIVES (Continued)

Normal Rabbit Sarum Normal Serum Albumin (Human) Pertussis Immune Globullo (Human) Plasma Protein Fraction (Human) Pollomyelitis immune Globulin (Human) Profibrinolysin (Human) Radio Chromated (Cr51) Serum Albumin (Human) Radio-iodineted (1125) Serum Albumin (Human) Radio-lodinated (1131) Serum Albumin (Human) Rad Blood Celis (Human) Rho (D) Immune Globulin (Human) Single Donor Plasma (Human) Tetanus Immune Globulin (Humen) Thrombin Vaccinia immune Globulin (Human) Whole Blood (Human) ACD CPD

## DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Blastowycin Brucelia Skin Test Antigen Coccidicidin Diphtheria Toxin for Schick Test Histoplasmin Lymphogranuloma Venereum Antigen Mampa Skin Test Antigen Schick Test Control Toxin Department of the Control Toxin Purified Protein perivative

Henerin

#### DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-App Blood Grouping Serum
Anti-App Serum
Anti-Ap

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Anti-Ibb Sarum
Anti-Jsa Serum (Anti-Sutter)
Anti-k Serum (Anti-Cellano)
Anti-K Serum (Anti-Kell)
Anti-Koa Serum (Anti-Penney)
Anti-Kob Serum (Anti-Rautenberg)
Anti-KpD and Anti-K Serum (Anti-Rautenberg and Anti-Keil)
Anti-Los Serum (Anti-Lewis)
Anti-Lug Serum (Anti-Lutheran)
Anti-M Serum
Anti-MR Serum
Anti-Mia Serum (Anti-Miltenberger)
Anti-N Serum
Anti-P Serum
Anti-Sh Typing Serums:
  Anti-Rho (Anti-D)
  Anti-Rho! (Anti-CD)
  Anti-Rho" (Anti-DE)
  Anti-Rhorhirh" (Anti-CDE)
  Anti-rh' (Anti-C)
  Anti-rh" (Anti-F)
 Anti-hr' (Anti-c)
Anti-hr' (Anti-c)
  Anti-hrv (Anti-V)
 Anti-rhM (Anti-CM)
 Anti-Rho + Rho (Anti-D + Du)
Anti-rhw and Anti-K Serum (Anti-(Cw+Keil))
Anti-S Sorum
Anti-s Serum
Anti-U Serum (Anti-Ss)
Anti-Wra Serum (Anti-Wright)
Anti-Xga Serum
Haemophilus influensas Typing Serum
Influenza Virus Hengoglutinatino Antigen
Pneumococcus Typing Serum
Respent Red Blood Cells (Human)
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#### MISCRILANDOUS

Allergenic Extracts Alum Precipitated Antivenin (Grotalides) Polyvelent Antivenin (Grotalides) Polyvelent Antivenin (Grotalides) Polyvelent Antivenin (Macrosalesse accumulation) Antivenin (Microsalesse Antivenin (Microsa

#### MISCRITANNONS (Continued)

Polson Lyv Extract Polson Ivy Extract Alum Precipitated Polison Ivv-Dak-Sumar Extracts Combined

Poison Ivv-Poison Oak Extracts Combined

Polson Oak Extract Polson Sumac Extract

Reagent Blood Group Specific Substances A and B Russell Vicer Venom

Streptokinase

Strentokinase-Streptodornase Trichinella Extract

#### MODIFIED BACTERIAL ANTIGENS

Polyvaient modified bacterial antigens with "No U.S. Standard of Potency"

## MULTIPLE ANTIGEN PREPARATIONS

Adenovirus and Intiuenza Virus Veccines Combined Aluminum Phosphate Adsorbed

Diphtheria and Tetanus Toxolds Diphtheria and Tetanus Toxolds Adsorbed
Diphtheria and Tetanus Toxolds and Pertussis Vaccine

Diphtheria and Tetanus Toxolds and Pertussis Vaccine Adsorbed Diphtharia & Tetanus Toxolds & Pertussis Vaccine Adsorbed & Pollomyolitis

Vaccine Diphtheria & Tetanus Toxolds & Pertussis & Poliomyelitis Vaccines Adsorbed Diphtheria Toxold and Pertussis Vaccine Adsorbed

Measies-Smallpox Vaccine, Live Staphylococcus Toxold and Bacteria: Antigen made from Staphylococcus

(Albus and Auraus) Staphylococcus Toxold and Bacterial Vaccine made from Stephylococcus (Aureus) Staphylococcus Toxold-Straptococcus Toxin-Bacteriel Vaccine made from

Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus end Hemophilus Influenzae Tetanus and Diphtheria Toxolds Adsorped (For Adult Use)

#### SENSTRIZED BACTERIAL VACCINES

Polyvalent sensitized bacterial vectines with "No U.S. Standard of Potency"

#### THERAPEUTIC INMUNE SERUMS

Anti-Hemophilus influenzas Type b Serum Antirobles Serum

#### TOXOIDS AND TOXING FOR INMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Streptococcus Erythrogenic Toxin

Tetanus Toxold Adsorbed

## VIPAL AND RICKETTSIAL VACCINES

Adecouries Vacine TIME AND RICCESTRIAL
Influence Virea Yaccine, Incellvated
Nacel Set Virea Vaccine, Incellvated
Nacel Set Virea Vaccine, Incellvated
Nacel Set Virea Vaccine, Incellvated
Nampa Virea Vaccine, Live
Nampa Virea Vaccine, Live
Relicovirea Vaccine
Relic

Smallpox Vaccine

Typhus Vaccine Yallow Fever Vaccine

